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12-4085: Phospho-SLP-76 (Tyr128) (Clone: 3F8) rabbit mAb FITC conjugate

Clonality :	Monoclonal
Clone Name :	SLP76Y128-3F8
Application :	FACS
Reactivity :	Human, Mouse
Conjugate :	FITC
Format :	Conjugated
Alternative Name :	Lymphocyte cytosolic protein 2, SH2 domain-containing leukocyte protein of 76 kDa, SLP76, LCP2
Isotype :	Rabbit IgG1k
Immunogen Information :	A synthetic phospho-peptide corresponding to residues surrounding Tyr128 of human phospho SLP-76

Description

SH2 Domain-Containing Leukocyte Protein Of 76 KDa (SLP-76) is an adaptor protein that plays a role in signal transduction in T cells. Studies using a SLP-76-deficient T cell line have demonstrated that SLP-76 is required for optimal phosphorylation and activation of both PLCg1 and the Ras pathway. SLP-76 phosphorylation is mediated by Zap70 upon TCR stimulation. Within an N-terminal acidic region, SLP-76 possesses three tyrosines (Tyr113, 128, and 145), which are phosphorylated upon activation. The sterile alpha-motif (SAM) domain of SLP-76 drives formation of dimers and higher order oligomers. SLP-76 micro-clusters at the immunological synapse enhance signal transduction and T cell activation.

Product Info

Amount :	10 Tests / 100 Tests
Content :	1X PBS, 0.09% NaN3, 0.2% BSA
Storage condition :	Store at 2-8°C. Avoid repeated freeze and thaw cycles.

Application Note

For flow cytometric staining, the suggested use of this reagent is 5 ÃÂµL per million cells or 5 ÃÂµL per 100 ÃÂµL of staining volume. It is recommended that the reagent be titrated for optimal performance for each application.

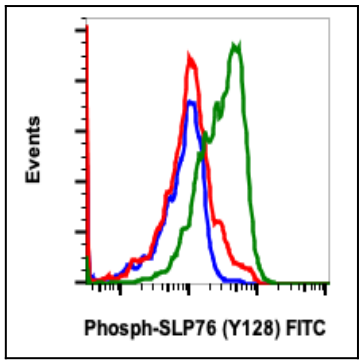

Fig-1: Flow cytometric analysis of Ramos cells unstained untreated cells as negative control (blue) or untreated (red) or treated with pervanadate (green) and stained using phospho-SLP-76 (Tyr128) antibody SLP76Y128-3F8 FITC conjugate.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.